

Efficient Systems and Methods for Transmitting Compressed Video Data Having Different Resolutions

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ABSTRACT OF THE DISCLOSURE

The present invention relates to systems and methods for combining compressed video data encoded or received with different resolutions. The present invention combines the compressed video data from the two separate bitstreams without decoding and re-encoding each bitstream. To do so, the present invention determines which compressed
10 video bitstream has video data with a lower resolution, and applies a tiling process that alters the low resolution compressed video data such that it may be displayed at a high resolution.

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